

***Amendments to the Claims***

This listing of claims will replace all prior versions and listings of claims.

1-40. (cancelled)

41. (new) An isolated peptide less than 15 amino acids in length comprising an oligopeptide selected from the group consisting of:

KTCPVQLWV (SEQ ID NO:103);  
CLLAKTCPV (SEQ ID NO:1249);  
KLLPENNVV (SEQ ID NO:1225);  
KLSQHMTEV (SEQ ID NO:1259);  
KLYQGSYGFRV (SEQ ID NO:1414);  
RLPEAAPPV (SEQ ID NO:1229);  
SLPPPGTRV (SEQ ID NO:1433);  
SMPPPGTRV (SEQ ID NO:1456); and  
YLCNSSCMGGV (SEQ ID NO:1268).

42. (new) The peptide of claim 41, wherein said oligopeptide is KTCPVQLWV (SEQ ID NO:103).

43. (new) The peptide of claim 41, wherein said oligopeptide is CLLAKTCPV (SEQ ID NO:1249).

44. (new) The peptide of claim 41, wherein said oligopeptide is KLLPENNVV (SEQ ID NO:1225).

45. (new) The peptide of claim 41, wherein said oligopeptide is KLSQHMTEV (SEQ ID NO:1259).

46. (new) The peptide of claim 41, wherein said oligopeptide is KLYQGSYGFRV (SEQ ID NO:1414).

47. (new) The peptide of claim 41, wherein said oligopeptide is RLPEAAPPV(SEQ ID NO:1229).

48. (new) The peptide of claim 41, wherein said oligopeptide is SLPPPGTRV (SEQ ID NO:1433).

49. (new) The peptide of claim 41, wherein said oligopeptide is SMPPPGTRV (SEQ ID NO:1456).

50. (new) The peptide of claim 41, wherein said oligopeptide is YLCNSSCMGGV (SEQ ID NO:1268).

51. (new) The peptide of claim 42, which is 11 amino acids in length.

52. (new) The peptide of claim 42, which is 10 amino acids in length.

53. (new) The peptide of claim 42, which is 9 amino acids in length.

54. (new) The peptide of claim 43, which is 11 amino acids in length.

55. (new) The peptide of claim 43, which is 10 amino acids in length.

56. (new) The peptide of claim 43, which is 9 amino acids in length.

57. (new) The peptide of claim 44, which is 11 amino acids in length.

58. (new) The peptide of claim 44, which is 10 amino acids in length.

59. (new) The peptide of claim 44, which is 9 amino acids in length.

60. (new) The peptide of claim 45, which is 11 amino acids in length.

61. (new) The peptide of claim 45, which is 10 amino acids in length.
62. (new) The peptide of claim 45, which is 9 amino acids in length.
63. (new) The peptide of claim 46, which is 11 amino acids in length.
64. (new) The peptide of claim 47, which is 11 amino acids in length.
65. (new) The peptide of claim 47, which is 10 amino acids in length.
66. (new) The peptide of claim 47, which is 9 amino acids in length.
67. (new) The peptide of claim 48, which is 11 amino acids in length.
68. (new) The peptide of claim 48, which is 10 amino acids in length.
69. (new) The peptide of claim 48, which is 9 amino acids in length.
70. (new) The peptide of claim 49, which is 11 amino acids in length.
71. (new) The peptide of claim 49, which is 10 amino acids in length.
72. (new) The peptide of claim 49, which is 9 amino acids in length.
73. (new) The peptide of claim 50, which is 11 amino acids in length.
74. (new) The peptide of claim 41, which is fused to a T helper peptide.
75. (new) The peptide of claim 41, which is fused to spacer or linker amino acids.
76. (new) The peptide of claim 41, which is fused to a carrier.

77. (new) The peptide of claim 41, which is is linked to a lipid.

78. (new) A fusion protein comprising the peptide of claim 41.

79. (new) A homopolymer of the peptide of claim 41.

80. (new) A heteropolymer of the peptide of claim 41, and different peptides.

81. (new) A composition comprising the peptide of claim 41 and a carrier.

82. (new) A composition comprising the peptide of claim 41 and a pharmaceutically acceptable carrier.

83. (new) A composition comprising the peptide of claim 41 and a liposome.

84. (new) A composition comprising the peptide of claim 41, and one or more different peptides.

85. (new) The composition of claim 84, wherein said peptides form a fusion protein.

86. (new) The composition of claim 84, which comprises a carrier.

87. (new) The composition of claim 84 further comprising a pharmaceutically acceptable carrier.

88. (new) The composition of claim 84, wherein said peptides are fused by spacer or linker amino acids.

89. (new) An isolated peptide less than 15 amino acids in length comprising an oligopeptide selected from the group consisting of:

ALNKMFCQLV (SEQ ID NO:1243);  
ALNKMFCQV (SEQ ID NO:1240);  
ALPPVAPV (SEQ ID NO:1320);  
CLTIHYNV (SEQ ID NO:1263);  
ILLEDSSGNLV (SEQ ID NO:1270);  
KLCPVQLWV (SEQ ID NO:1329);  
KLFCQLAKV (SEQ ID NO:1423);  
KMFCQLAKV (SEQ ID NO:1448);  
LLPENNVLSPV (SEQ ID NO:1227);  
RLPEAAPPVV (SEQ ID NO:1231);  
RMPEAAPPVV (SEQ ID NO:1232); and  
VLVPYEPPEV (SEQ ID NO:1458).

90. (new) The peptide of claim 89, wherein said oligopeptide is ALNKMFCQLV (SEQ ID NO:1243).

91. (new) The peptide of claim 89, wherein said oligopeptide is ALNKMFCQV (SEQ ID NO:1240).

92. (new) The peptide of claim 89, wherein said oligopeptide is ALPPVAPV (SEQ ID NO:1320).

93. (new) The peptide of claim 89, wherein said oligopeptide is CLTIHYNV (SEQ ID NO:1263).

94. (new) The peptide of claim 89, wherein said oligopeptide is ILLEDSSGNLV (SEQ ID NO:1270).

95. (new) The peptide of claim 89, wherein said oligopeptide is KLCPVQLWV (SEQ ID NO:1329).

96. (new) The peptide of claim 89, wherein said oligopeptide is KLFCQLAKV (SEQ ID NO:1423).

97. (new) The peptide of claim 89, wherein said oligopeptide is KMFCQLAKV (SEQ ID NO:1448).

98. (new) The peptide of claim 89, wherein said oligopeptide is LLPENNVLSPV (SEQ ID NO:1227).

99. (new) The peptide of claim 89, wherein said oligopeptide is RLPEAAPPVV (SEQ ID NO:1231).

100. (new) The peptide of claim 89, wherein said oligopeptide is RMPEAAPPVV (SEQ ID NO:1232).

101. (new) The peptide of claim 89, wherein said oligopeptide is VLVPYEPPEV (SEQ ID NO:1458).

102. (new) The peptide of claim 90, which is 11 amino acids in length.

103. (new) The peptide of claim 90, which is 10 amino acids in length.

104. (new) The peptide of claim 91, which is 11 amino acids in length.

105. (new) The peptide of claim 91, which is 10 amino acids in length.

106. (new) The peptide of claim 91, which is 9 amino acids in length.

107. (new) The peptide of claim 92, which is 11 amino acids in length.

108. (new) The peptide of claim 92, which is 10 amino acids in length.
109. (new) The peptide of claim 92, which is 9 amino acids in length.
110. (new) The peptide of claim 92, which is 8 amino acids in length.
111. (new) The peptide of claim 93, which is 11 amino acids in length.
112. (new) The peptide of claim 93, which is 10 amino acids in length.
113. (new) The peptide of claim 93, which is 9 amino acids in length.
114. (new) The peptide of claim 94, which is 11 amino acids in length.
115. (new) The peptide of claim 95, which is 11 amino acids in length.
116. (new) The peptide of claim 95, which is 10 amino acids in length.
117. (new) The peptide of claim 95, which is 9 amino acids in length.
118. (new) The peptide of claim 96, which is 11 amino acids in length.
119. (new) The peptide of claim 96, which is 10 amino acids in length.
120. (new) The peptide of claim 96, which is 9 amino acids in length.
121. (new) The peptide of claim 97, which is 11 amino acids in length.
122. (new) The peptide of claim 97, which is 10 amino acids in length.
123. (new) The peptide of claim 97, which is 9 amino acids in length.

124. (new) The peptide of claim 98, which is 11 amino acids in length.
125. (new) The peptide of claim 99, which is 11 amino acids in length.
126. (new) The peptide of claim 99, which is 10 amino acids in length.
127. (new) The peptide of claim 100, which is 11 amino acids in length.
128. (new) The peptide of claim 100, which is 10 amino acids in length.
129. (new) The peptide of claim 101, which is 11 amino acids in length.
130. (new) The peptide of claim 101, which is 10 amino acids in length.
131. (new) The peptide of claim 89, which is fused to a T helper peptide.
132. (new) The peptide of claim 89, which is fused to spacer or linker amino acids.
133. (new) The peptide of claim 89, which is fused to a carrier.
134. (new) The peptide of claim 89, which is linked to a lipid.
135. (new) A fusion protein comprising the peptide of claim 89.
136. (new) A homopolymer of the peptide of claim 89.
137. (new) A heteropolymer of the peptide of claim 89, and different peptides.
138. (new) A composition comprising the peptide of claim 89 and a carrier.



139. (new) A composition comprising the peptide of claim 89 and a pharmaceutically acceptable carrier.
140. (new) A composition comprising the peptide of claim 89 and a liposome.
141. (new) A composition comprising the peptide of claim 89, and one or more different peptides.
142. (new) The composition of claim 141, wherein said peptides form a fusion protein.
143. (new) The composition of claim 141, which comprises a carrier.
144. (new) The composition of claim 141, further comprising a pharmaceutically acceptable carrier.
145. (new) The composition of claim 141, wherein said peptides are fused by spacer or linker amino acids.